

SAMPLE ELEMENT FOR USE IN MATERIAL ANALYSIS

Abstract of the Disclosure

A system and method are provided for determining a concentration of an analyte in a material sample. The method includes providing a sample element with a sample chamber at least partially defined by at least one window formed from a material having greater than about 1% wavelength-domain variation in absorbtivity of electromagnetic radiation incident thereon. The method further includes employing the sample element with an analyte detection system which determines the concentration of the analyte with clinically acceptable accuracy.

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